

What is claimed is:

1. A multiple-projection system for projecting one image on a screen by plural of projectors comprising a plurality of switchable routes for observing an image projection, a compensation data preservation section for storing compensation data for correcting output characteristic of the projector corresponding to respective routes, and an image processing section for correcting and processing the input image signal based on the compensation data stored in the compensation data preserving section corresponding to the route used.
2. A multiple-projection system as claimed in claim 1, further comprising a calibration means for calculating the compensation data in respective routes to store the data in the corresponding compensation data preserving section.
3. A multiple-projection system as claimed in claim 2, wherein the calibration means comprises a test image sending section for projecting and displaying the test image on the screen from the plural of projectors.
4. A multiple-projection system as claimed in claim 2, wherein the calibration means comprises any one of a CCD camera for detecting the test image projected and displayed on the screen, a spectrometer, a colorimeter and a digital camera.
5. A multiple-projection system as claimed in claim 3, wherein the calibration means comprises any one of a CCD camera for detecting the test image projected and displayed on the screen, a spectrometer, a colorimeter and a digital camera.
6. A multiple-projection system as claimed in claim 1, wherein further comprising a plurality of image projecting light sources capable of switching them to respective projectors, and the route being switched by switching the light sources.
7. A multiple-projection system as claimed in claim 1, wherein the plural viewpoint positions observing the projection profile on the screen, are switchably set, and, the route is switched by switching the viewpoint positions.
8. A multiple-projection system as claimed in claim 1, wherein as the screen, a plurality of screens having different characteristics, are switchably provided, and the route is switched by switching the screen.